

ABSTRACT OF THE DISCLOSURE

A wireless transmission apparatus and a wireless transmission method capable of performing simple transmission control are provided. As an information transmission flow control method, instead of reporting vacant-buffer information from a receiving destination apparatus, an information transmission-source apparatus permits the transmission of a packet up to a predetermined transmission window size from the packet for which acknowledgement has not been received from an information receiving destination, and the transmission of a packet exceeding that transmission window size is inhibited. As a result, if the packet is within that transmission window size, even if the information receiving destination has not confirmed the reception of the ACK information, the packet is transmitted unconditionally. Furthermore, a transmission pointer and an ACK receiving pointer are provided, and even if acknowledgement is not received, control is performed using that transmission window size in which transmission is possible.